

O/P/E 03CO

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/033,243

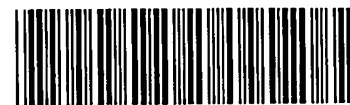
CRF Processing Date: 4/22/2002  
Edited by: AR  
Verified by: AR (STIC staff)

ENTERED

#6

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:  
\_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:  
\_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:  
\_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  
\_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:  
\_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:  
\_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically:  
\_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:  
\_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95



# 6

OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/033,243

DATE: 04/22/2002  
 TIME: 18:02:51

Input Set : A:\PTO.txt  
 Output Set: N:\CRF3\04222002\J033243.raw

6-1

4 <110> APPLICANT: FEARON, Karen L.  
 5 DINA, Dino  
 7 <120> TITLE OF INVENTION: IMMUNOMODULATORY POLYNUCLEOTIDES AND  
 8 METHODS OF USING THE SAME  
 11 <130> FILE REFERENCE: 377882001800  
 13 <140> CURRENT APPLICATION NUMBER: 10/033,243  
 14 <141> CURRENT FILING DATE: 2001-12-27  
 16 <150> PRIOR APPLICATION NUMBER: 60/258,675  
 17 <151> PRIOR FILING DATE: 2000-12-27  
 19 <160> NUMBER OF SEQ ID NOS: 133  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 24  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Polynucleotide containing CG  
 31 <400> SEQUENCE: 1  
 32 tcgtcgaacg ttcgttaacg ttcg 24  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 22  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Polynucleotide containing CG  
 42 <400> SEQUENCE: 2 22  
 43 tgactgtgaa cgutcgagat ga  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 24  
 47 <212> TYPE: DNA  
 48 <213> ORGANISM: Artificial Sequence  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Polynucleotide containing CG  
 53 <400> SEQUENCE: 3 24  
 54 tcgtcgaucg utcgtaaagc utcg  
 56 <210> SEQ ID NO: 4  
 57 <211> LENGTH: 24  
 58 <212> TYPE: DNA  
 59 <213> ORGANISM: Artificial Sequence  
 61 <220> FEATURE:  
 62 <223> OTHER INFORMATION: Polynucleotide containing CG  
 64 <400> SEQUENCE: 4 24  
 65 tcgtcgaucg ttcgtuaacg utcg

## RAW SEQUENCE LISTING

DATE: 04/22/2002

PATENT APPLICATION: US/10/033,243

TIME: 18:02:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04222002\J033243.raw

```

67 <210> SEQ ID NO: 5
68 <211> LENGTH: 24
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Polynucleotide containing CG
75 <400> SEQUENCE: 5
76 tcgtcguacg utcgtaaag utcg 24
78 <210> SEQ ID NO: 6
79 <211> LENGTH: 24
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Polynucleotide containing CG
WV> 86 <221> NAME/KEY: misc_feature
87 <222> LOCATION: 8
88 <223> OTHER INFORMATION: n = 2-amino-adenine
WV> 90 <400> 6
WV> 91 tcgtcgancg utcgtaaag utcg 24
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 24
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Polynucleotide containing CG
101 <400> SEQUENCE: 7
102 tgatcgaacg ttcgtaaag ttcg 24
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 22
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Polynucleotide containing CG
112 <400> SEQUENCE: 8
113 tgactgtgaa cgtcggtat ga 22
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 22
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Polynucleotide containing CG
123 <400> SEQUENCE: 9
124 tgactgtgac cgttcggtat ga 22
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 22
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Polynucleotide containing CG

```

## RAW SEQUENCE LISTING

DATE: 04/22/2002

PATENT APPLICATION: US/10/033,243

TIME: 18:02:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04222002\J033243.raw

```

134 <400> SEQUENCE: 10
135 tgactgtgat cggtcggtat ga 22
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 16
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Polynucleotide containing CG
145 <400> SEQUENCE: 11
146 tcgtcgaacg ttcggt 16
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 22
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Polynucleotide containing CG
156 <400> SEQUENCE: 12
157 tcgtcgtgaa cgttcgagat ga 22
159 <210> SEQ ID NO: 13
160 <211> LENGTH: 22
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Polynucleotide containing CG
167 <400> SEQUENCE: 13
168 tcgtcgggtat cggtcggtat ga 22
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 18
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Polynucleotide containing CG
178 <400> SEQUENCE: 14
179 cttcgaacgt tcgagatg 18
181 <210> SEQ ID NO: 15
182 <211> LENGTH: 18
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Polynucleotide containing CG
189 <400> SEQUENCE: 15
190 ctgtgatcgt tcgagatg 18
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 22
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Polynucleotide containing CG
200 <400> SEQUENCE: 16

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/033,243

DATE: 04/22/2002  
 TIME: 18:02:51

Input Set : A:\PTO.txt  
 Output Set: N:\CRF3\04222002\J033243.raw

```

201 tgactgtgaa cggtcggtat ga 22
203 <210> SEQ ID NO: 17
204 <211> LENGTH: 22
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Polynucleotide containing CG
211 <400> SEQUENCE: 17
212 tcgtcggtag cgttcggtat ga 22
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 22
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Polynucleotide containing CG
222 <400> SEQUENCE: 18
223 tcgtcgaac cgttcggaat ga 22
225 <210> SEQ ID NO: 19
226 <211> LENGTH: 19
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Polynucleotide containing CG
233 <400> SEQUENCE: 19
234 tcgtcgaacg ttcgagatg 19
236 <210> SEQ ID NO: 20
237 <211> LENGTH: 20
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Polynucleotide containing CG
244 <400> SEQUENCE: 20
245 tcgtcgtaac gttcgagatg 20
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 22
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Polynucleotide containing CG
255 <400> SEQUENCE: 21
256 tgactgtgac cgttcggaat ga 22
258 <210> SEQ ID NO: 22
259 <211> LENGTH: 22
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Polynucleotide containing CG
266 <400> SEQUENCE: 22
267 tcgtcgaacg ttcgaacggt cg 22

```

## RAW SEQUENCE LISTING

DATE: 04/22/2002

PATENT APPLICATION: US/10/033,243

TIME: 18:02:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04222002\J033243.raw

```

269 <210> SEQ ID NO: 23
270 <211> LENGTH: 19
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Polynucleotide containing CG
W--> 277 <221> NAME/KEY: misc_feature
278 <222> LOCATION: 2, 5
279 <223> OTHER INFORMATION: n = 5-bromocytosine
W--> 281 <400> 23
W--> 282 tngtngaacg ttcgagatg 19
284 <210> SEQ ID NO: 24
285 <211> LENGTH: 19
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Polynucleotide containing CG
W--> 292 <221> NAME/KEY: misc_feature
293 <222> LOCATION: 5
294 <223> OTHER INFORMATION: n = 5-bromocytosine
W--> 296 <400> 24
W--> 297 tcgtngaacg ttcgagatg 19
299 <210> SEQ ID NO: 25
300 <211> LENGTH: 20
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Polynucleotide containing CG
307 <400> SEQUENCE: 25
308 tcgtcgaccg ttcggaatga 20
310 <210> SEQ ID NO: 26
311 <211> LENGTH: 20
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Polynucleotide containing CG
W--> 318 <221> NAME/KEY: misc_feature
319 <222> LOCATION: 2, 5
320 <223> OTHER INFORMATION: n = 5-bromocytosine
W--> 322 <400> 26
W--> 323 tngtngaccg ttcggaatga 20
325 <210> SEQ ID NO: 27
326 <211> LENGTH: 20
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Polynucleotide containing CG
W--> 333 <221> NAME/KEY: misc_feature
334 <222> LOCATION: 5

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/033,243

DATE: 04/22/2002  
TIME: 18:02:52

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\04222002\J033243.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 8  
Seq#:23; N Pos. 2,5  
Seq#:24; N Pos. 5  
Seq#:26; N Pos. 2,5  
Seq#:27; N Pos. 5  
Seq#:29; N Pos. 4  
Seq#:31; N Pos. 11  
Seq#:32; N Pos. 9,19  
Seq#:33; N Pos. 11  
Seq#:34; N Pos. 11  
Seq#:35; N Pos. 11  
Seq#:36; N Pos. 5,9  
Seq#:37; N Pos. 11  
Seq#:38; N Pos. 11,15  
Seq#:39; N Pos. 11  
Seq#:41; N Pos. 13  
Seq#:42; N Pos. 11  
Seq#:43; N Pos. 11  
Seq#:45; N Pos. 2,5  
Seq#:46; N Pos. 5  
Seq#:47; N Pos. 13  
Seq#:48; N Pos. 12,16  
Seq#:54; N Pos. 2,5  
Seq#:62; N Pos. 1,4  
Seq#:65; N Pos. 1,4,5  
Seq#:66; N Pos. 5  
Seq#:76; N Pos. 1  
Seq#:79; N Pos. 1  
Seq#:83; N Pos. 5  
Seq#:84; N Pos. 5  
Seq#:85; N Pos. 5  
Seq#:86; N Pos. 5  
Seq#:87; N Pos. 5  
Seq#:88; N Pos. 5  
Seq#:89; N Pos. 5  
Seq#:90; N Pos. 1,5  
Seq#:91; N Pos. 5  
Seq#:92; N Pos. 1,5  
Seq#:93; N Pos. 1,5  
Seq#:94; N Pos. 5  
Seq#:95; N Pos. 5  
Seq#:96; N Pos. 5  
Seq#:99; N Pos. 2  
Seq#:100; N Pos. 2,5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/033,243

DATE: 04/22/2002  
TIME: 18:02:52

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\04222002\J033243.raw

Seq#:112; N Pos. 2  
Seq#:113; N Pos. 2,5  
Seq#:114; N Pos. 2  
Seq#:115; N Pos. 2,5  
Seq#:116; N Pos. 2  
Seq#:117; N Pos. 5  
Seq#:118; N Pos. 5  
Seq#:119; N Pos. 5  
Seq#:120; N Pos. 8  
Seq#:121; N Pos. 6  
Seq#:122; N Pos. 2,6  
Seq#:123; N Pos. 2,6  
Seq#:124; N Pos. 5,9  
Seq#:125; N Pos. 5,9  
Seq#:126; N Pos. 7,8,10  
Seq#:127; N Pos. 2,5,7,8,10  
Seq#:128; N Pos. 5,7,8,10  
Seq#:129; N Pos. 7,8,10,11  
Seq#:130; N Pos. 2,5,7,8,10,11  
Seq#:131; N Pos. 5,7,8,10,11  
Seq#:133; N Pos. 1,4





OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/033,243

DATE: 04/16/2002

TIME: 10:19:23

Input Set : A:\37788-2001800.txt

Output Set: N:\CRF3\04162002\J033243.raw

**Does Not Comply**  
**Corrected Diskette Needed**

4 <110> APPLICANT: FEARON, Karen L.  
 5 DINA, Dino  
 7 <120> TITLE OF INVENTION: IMMUNOMODULATORY POLYNUCLEOTIDES AND  
 8 METHODS OF USING THE SAME  
 11 <130> FILE REFERENCE: 377882001800  
 13 <140> CURRENT APPLICATION NUMBER: 10/033,243  
 C--> 14 <141> CURRENT FILING DATE: 2002-04-03  
 16 <150> PRIOR APPLICATION NUMBER: 60/258,675  
 17 <151> PRIOR FILING DATE: 2000-12-27  
 19 <160> NUMBER OF SEQ ID NOS: 133  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

1852 <210> SEQ ID NO: 133  
 1853 <211> LENGTH: 10  
 1854 <212> TYPE: DNA  
 1855 <213> ORGANISM: Artificial Sequence  
 1857 <220> FEATURE:  
 1858 <223> OTHER INFORMATION: Polynucleotide containing CG  
 W--> 1860 <221> NAME/KEY: misc\_feature  
 1861 <222> LOCATION: 1  
 1862 <223> OTHER INFORMATION: n= t, c, or 5-bromocytosine  
 W--> 1864 <221> misc\_feature  
 1865 <222> LOCATION: 4  
 1866 <223> OTHER INFORMATION: n= t or m  
 W--> 1868 <400> 133  
 W--> 1869 ndan c g k t c g  
 E--> 1871 1  
 E--> 1874 1

*White*

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